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(57) Abstract :

The present invention relates to a portable fringe making device including a platform 1 configured with a motorized disc 4 having multiple horizontal rods 2, 3 for rotating and enfolding thread 6, a display screen 5 assembled on platform 1 and linked with microcontroller for taking user's input, a hook 7 installed on platform 1 for holding roll of thread 6, an image capturing module 9 and a robotic gripper 8 assembled on platform 1 for capturing images and attaching thread 6 to an electromagnetic clip 10 installed on rod 2, a telescopic knotting unit 12 assembled on platform 1 via a sliding unit 13 for tying multiple knots on rolled threads 6, a telescopic scissor 14 assembled on sliding unit 13 for cutting rolled threads 6, and a mini-comb 16 arranged inside a container 15 positioned adjacent to gripper 8 for removing tangles from fringes.

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